Denaturing Gel Electrophoresis LX7000GES

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Description

Denaturing Gel Electrophoresis LX7000GES a 200 × 200 mm gel plate for efficient sample separation. It includes a flame-retardant shell, temperature control probe, and buffer volume sensor for safe, precise, and reliable operation. Designed for high-power output, it delivers accurate results even in demanding applications.

Specifications

Gel plate dimensions (W x L)	200 x 200 mm
Gel Dimension (W x L)	162 x 175 mm
Gel thickness	1.0 mm
Number of gel	1-2 Pcs
Maximum buffer volume	10 L
Sample throughput	1~70
Product dimension (L x W x H)	458 x 230 x 285 mm
Net weight	26 kg
Packing dimension (L x W x H)	380 x 240 x 230 mm 760 x 700 x 640 mm
Gross weight	4 Kg 62 Kg

Features

- Gel casting in original position; easier gel observation
- Adjustable gradient gel electric generator
- Built-in buffer circulating pump (±5°C temp uniformity)
- Safety lid with automatic power cut-off
- Constant voltage, current, or power output
- Max output: 600V, 500mA, 300W
- Over-voltage/overload protection with alarms
- Displays all parameters and output status
- Fire-retardant injection-moulded shell
- Stores 10 electrophoresis methods

- Timing range: 1 min – 99 hr, 59 min
- Temperature probe with safety sheath
- Buffer height sensor to prevent damage

Applications

- This system is suitable for analysing the diversity of bacteria, archaea, fungi, and eukaryotic microorganisms. It is also ideal for detecting symbiotic microorganisms in and on animals, identifying microorganisms in food, and analysing genetic mutations, heterozygotes, and other genetic variations.

Standard Accessories

- Power supply x 1 Pcs
- Body tank with electrodes x 1 Pcs
- Gel casting stand x 1 Pcs
- Gradient gel electric generator x 1 Pcs
- Notched glass plates x 4 Pcs
- Spacer plate with 1.0 mm glass spacer x 4 Pcs
- 1.0 mm Thickness 1-well comb x 2 Pcs
- 1.0 mm Thickness 2-well comb x 2 Pcs
- 1.0 mm Thickness 15-well comb x 2 Pcs
- 1.0 mm Thickness 21-well comb x 2 Pcs
- 1.0 mm Thickness 35-well comb x 2 Pcs
- Accessory kit x 1 Pcs
- Control cables x 1 Pcs
- Electric cablesx 1 Pcs

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